



BIOGRAPHY

UNITED STATES AIR FORCE

Colonel Andrew C. Roberts



Colonel Andrew C. Roberts is the Individual Mobilization Augmentee (IMA) to the center commander at Arnold Engineering Development Center (AEDC), Arnold Air Force Base, Tenn.

He oversees the utilization of Air Force Reserve Forces at the largest and most advanced complex of flight simulation test facilities in the world.

The Arnold Engineering Development Center is a \$7.8 billion complex with 58 aerospace test facilities located at Arnold Air Force Base and the center's geographically-separated locations, the hypervelocity Tunnel 9 in White Oak, Md. and the National Full-Scale Aerodynamic Complex in NASA's Ames Research Center, Calif. The center's test facilities simulate flight from subsonic to hypersonic speeds at altitudes from sea level to space. Every high performance aircraft, missile,

space launch system and most military satellites in use by the Department of Defense today and all NASA manned spacecraft have been tested in AEDC's facilities.

Colonel Roberts was commissioned through the Air Force Reserve Officer Training Corp in 1977 as an honor graduate from the Aeronautical and Astronautical Engineering school, Purdue University, Ind.

He has operationally flown the C-141A/B as well as an instructor to the international fighter pilots at the Euro NATO Joint Jet Pilot Training School in T-38A aircraft. In his civilian job he is currently a Research Pilot for NASA, Johnson Space Center where he is a Flight Examiner and Instructor to the International Astronaut Corp. He also serves as the program manager and pilot of the NASA and Office of Secretary of Defense's WB-57 high altitude research aircraft fleet and as a Gulfstream pilot. He has been a wind tunnel test/research engineer and named on the nationally recognized Collier Trophy at the Smithsonian Institute. He has accumulated over 8,000 hours in over 22 aircraft. He served in the Air Force Reserves as a squadron pilot, squadron safety officer and assistant Flight Commander at Travis AFB, Calif. He was the chief of operations plans to 4th Air Force, March Air Force Base Calif. and the Inspector General to the 433rd Air Wing at Kelly Airfield, Texas.

Was activated for and is a veteran of combat missions in Desert Storm.

(Current as of May 2005)

EDUCATION

- 1977 Bachelor of Science degree in Aeronautical and Astronautical Engineering, Purdue University, W. Lafayette, Ind.
1979 Undergraduate Pilot Training, Reese Air Force Base, Texas
1982 Pilot Instructor Training, Sheppard Air Force Base, Texas
1989 Squadron Officer School, Maxwell Air Force Base, Ala.
1997 Air Command and Staff College, Maxwell Air Force Base, Ala.
1999 National Test Pilot School, Mojave, Calif.
2001 Air War College, Maxwell Air Force Base, Ala.

MILITARY ASSIGNMENTS

1. July 1978 - July 1979, student, Undergraduate Pilot Training, Reese AFB, Texas
2. August 1979 – December 1979, C-141 Initial Training Course, Altus AFB, Okla.
 3. December 1979 – December 1981, 14 MAS, Pilot C-141A&B AR & PNAF Qual, Norton Air Force Base, Calif.
4. December 1981 – April 1985, 88FTS, ENJJPT Instructor and Aerodynamic Course Prime, T-38A, Sheppard Air Force Base, Texas
6. November 1985 – June 1997, C-141B Commander 708 and 710 ALS, AR Qual, Safety Officer, Flight Commander, Travis Air Force Base, Calif.
8. July 1997 - March 1999, Chief of Ops Plans, 4th NAF, and C-141 commander March Air Force Base, Calif.
9. March 1999 – September 2002, Inspector General, 433AW Lackland Air Force Base, Texas.
10. September 2002 - present, Reserve Forces Commander, Arnold Engineering Development Center, Air Force Materiel Command, Arnold Air Force Base, Tenn.

MAJOR MILITARY AWARDS AND DECORATIONS

Meritorious Service Medal (2 oak leaf clusters)
Air Medal
Aerial Achievement Medal
Air Force Commendation Medal
AF Outstanding Unit Award (3 oak leaf clusters)
Combat Readiness Medal (4 oak leaf clusters)
National Defense Service Medal (1 oak leaf cluster)
Southwest Asia Service Medal (3 devices)
Armed Forces Reserve Medal (1 device)
Kuwait Liberation Medal Kingdom of Saudi Arabia
Kuwait Liberation Medal Government of Kuwait

EFFECTIVE DATES OF PROMOTION

Second Lieutenant	May 31, 1978
First Lieutenant	January 14, 1980
Captain	January 14, 1982
Major	May 14, 1991
Lieutenant Colonel	May 14, 1998
Colonel	March 1, 2004

(Current as of May 2005)